

AR52



Canada Northwest Land Limited  
annual report 1977





# Canada Northwest Land Limited

## **DIRECTORS:**

S. L. Christensen  
New York City, U.S.A.

H. G. Gammell  
Calgary, Alberta

N. E. Goodman  
Toronto, Ontario

D. W. Hilland  
Calgary, Alberta

E. A. Jonas  
New York City, U.S.A.

J. Poscente  
Calgary, Alberta

M. S. Reford  
Aylmer East, P.Q.

G. G. Ross,  
Montreal, P.Q.

R. T. Ruggles,  
Montreal, P.Q.

Lord Shaughnessy  
Calgary, Alberta

## **OFFICERS:**

H. G. Gammell  
President

J. Poscente  
Executive Vice President

Lord Shaughnessy  
Vice President and Secretary

D. W. Hilland  
Assistant Secretary

M. J. Khan  
Treasurer

## **PRINCIPAL BANKERS:**

The Royal Bank of Canada

## **TRANSFER AGENTS:**

Canada Permanent Trust Company

## **AUDITORS:**

Clarkson, Gordon & Co.

## **STOCK LISTINGS:**

The Toronto Stock Exchange

## **SUBSIDIARIES:**

Canada Northwest Oils Inc.

Canada Northwest Oil (U.K.) Limited

Canada Northwest Oils (Europe) B.V.

CNWL Oil (Espana) S.A.

Thor Exploration Company Ltd.

## **HEAD OFFICE:**

820, 355 - 4th Avenue, S.W.,  
Calgary, Alberta T2P 0J1

The Annual General Meeting will be held at 2:00 P.M.,  
January 27, 1978, in the Banff Room of the Calgary  
Inn, Calgary, Alberta.

*Shown on the front cover is the production system currently in use at Casablanca #1A in the Gulf of Valencia, Spain, using the Bideford Dolphin semi-submersible as a production platform. Crude oil is treated and transferred, at rates of up to 9,000 barrels per day, to the moored tanker through the floating hose seen on the left of the photograph.*

# HIGHLIGHTS OF ACTIVITIES

	12 Months Ending September 30	
	<u>1977</u>	<u>1976</u>
<b>Production</b> (before Crown Royalties and Mineral Income Taxes) .....		
Oil (in barrels) .....	<b>99,772</b>	36,580
Gas (in Mcf.) .....	<b>3,924,622</b>	2,339,757

## Financial

Gross Revenue (before Crown Royalties and Mineral Income Taxes) .....	<b>\$6,044,024</b>	\$2,466,158
Income from Operations .....	<b>2,711,438</b>	777,523
Net Profit .....	<b>1,447,502</b>	377,378

## Land Holdings (in acres)

	<u>1977</u>		<u>1976</u>	
	<u>Gross</u>	<u>Net</u>	<u>Gross</u>	<u>Net</u>
<b>Canada:</b>				
Freehold titles, leases and permits .....	<b>1,082,010</b>	<b>437,594</b>	1,110,655	417,618
<b>Foreign:</b>				
U.S.A., Leases .....	<b>156,942</b>	<b>61,656</b>	137,787	63,865
Spain, Permits .....	<b>609,395</b>	<b>56,064</b>	609,395	67,430
North Sea, License .....	<b>50,025</b>	<b>3,502</b>	50,025	3,502
Italy .....	<b>73,615</b>	<b>36,807</b>	36,111	18,056
Coal and Geothermal permits and leases .....	<b>262,253</b>	<b>67,436</b>	13,200	6,600



# TO OUR SHAREHOLDERS

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The tangible evidence of Canada Northwest Land's satisfactory growth during the past year can be assessed from the accompanying reports on operational activities and financial condition. But nothing exemplifies this more than the fact that, at year-end, four offshore drilling rigs were working at various locations on projects in which our Company is involved. Photographs of these vessels appear elsewhere in this report.

Gross revenue, cash flow and net profit for the year ended September 30, 1977, exhibited an accelerated growth over previous years. New production in Spain, Alberta and the U.S., plus higher prices for gas and oil, were responsible for the gains.

In Spain and the North Sea, drilling in the past year extended known reserves and opened up new prospects on our Company's holdings. In Canada, our Company has interests near two of the most recent exploration plays, West Pembina and Beaufort Sea. Additional acreage was taken up on new plays in the U.S. and several holes were drilled, some of which were productive of oil and gas.

During the coming year, it is expected that development of the Spanish discovery will continue and that income from that source will increase. Capital for this program is expected to be supplied by cash flow and debt.

Our Company's asset growth in a wide variety of areas is proceeding at gratifying rates. Part of the reason that this is possible is the economic climate in which our Company has operated — a climate, which despite restrictive policies espoused by Canadian governments at various levels, favours the ambitions of an aggressive, independent operator. Against a background of minimal economic growth in Canada at the present time, the oil industry and our Company have succeeded in extending frontiers and increasing productive capacity.

Canada Northwest Land Limited, despite the substantial growth of recent years, is indeed still on the threshold of even greater growth and financial strength. We are confident this can be attained with the continued dedication of the highly skilled and devoted members of our staff. For their efforts, the Directors are sincerely grateful.



H. G. Gammell,  
President.



Four drilling vessels which were engaged in operations during the year at locations where the Company has interests:



*Sedco I — semi-submersible which drilled on the Alcanar permit in the Gulf of Valencia.*



*Bideford Dolphin — semi-submersible used as production platform at Casablanca #1A.*



*Ben Ocean Lancer — dynamically positioned drillship which drilled the Montanazo "D-1" and Montanazo "C-1" wells.*



*Venture 1 — semi-submersible which drilled the third hole on Block 3/7 in the North Sea.*



# REVIEW OF OPERATIONS 1977

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## EXPLORATION AND DEVELOPMENT

### INTERNATIONAL

#### SPAIN

##### Casablanca:

In July, 1977, the discovery well Casablanca #1, was put on production after redrilling in an attempt to eliminate bottom water. The Bideford Dolphin semi-submersible drilling rig was used as a temporary production platform with oil transferred by a floating hose to a tanker moored nearby. This arrangement is illustrated on the cover of this Annual Report. By year-end, this well had produced 366,000 barrels for an average of 7,100 barrels per producing day. In October, the well was acidized and production increased to 15,000 bbls/day; however, because of very high oil temperatures and the possibility of water invasion, the production rate is being held below 9,000 bbls/day.

During the summer of 1977, a new dynamically positioned drillship, the Ben Ocean Lancer, drilled the first well on the Montanazo "D" permit immediately east of the Casablanca permit. This well, Montanazo "D-1", located 3 1/2 kilometers northeast of the Casablanca #2 oil well and apparently on an extension of the Casablanca field, was drilled in 1,544 feet of water. The oil zone was encountered at 8,500 feet, 60 feet higher than Casablanca #2 and the well appears to have a gross pay of 550 feet. A test of the top 25 feet of the zone flowed oil at 9,504 bbls/day although pressure data suggests that if the whole section had been tested the flow rates would have been higher. The pool now appears to extend some 11 kilometers in a northeast/southwest direction.

Current plans are to recomplete Casablanca #1 and complete Casablanca #2 in mid 1978 as satellite producers with single well diverless completion systems. Production from the two wells will continue using the temporary setup. In 1979, it is expected that the Bideford Dolphin will be replaced by a more permanent facility and that more development wells will be drilled.

Our Company's interest in Casablanca is 15%.

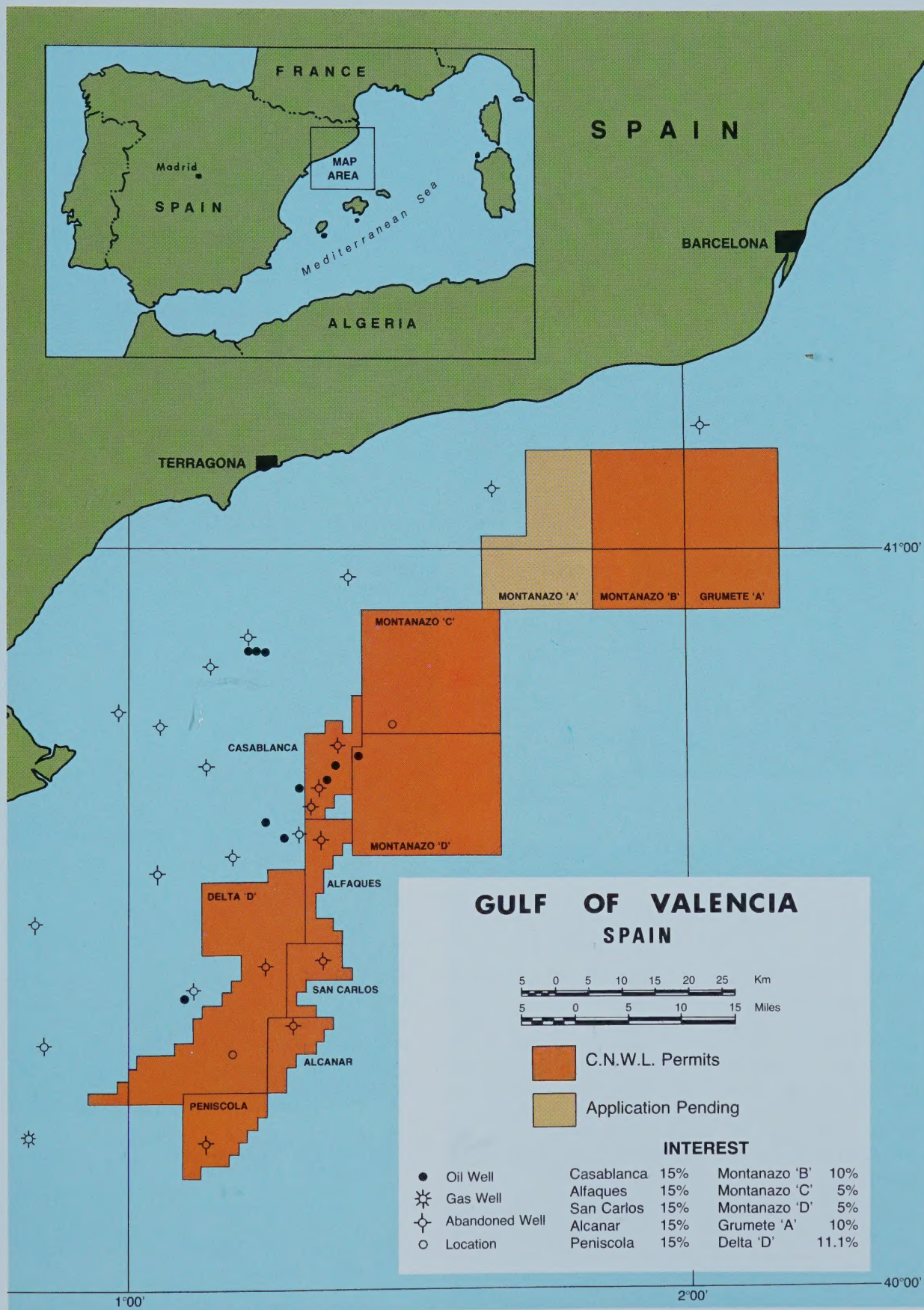
##### Other Drilling in Spain:

During the year, the Chevron group drilled and abandoned Alfaques #1, 5 kilometers south of Casablanca, the fourth earning hole on the original five permits. The fifth and final earning hole, Alcanar Marino #1, 37 kilometers south of Casablanca, was drilled and abandoned following year-end. Also drilling at the time of writing is the Montanazo "C-1" hole, 6 kilometers northeast of Casablanca, on what appears to be a separate structure in 2,200 feet of water.

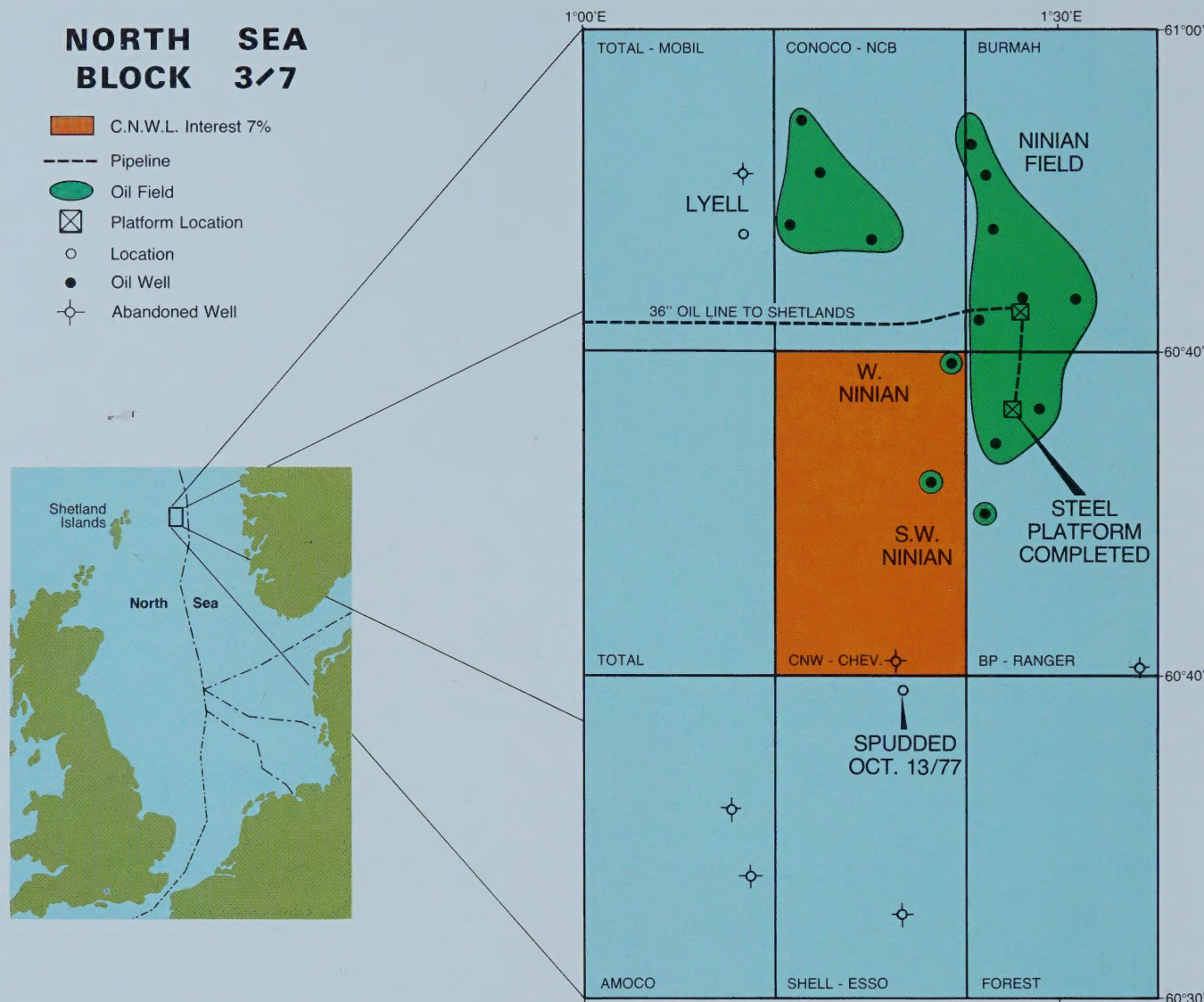
In view of the very deep water and the consequent cost risk, it was decided to farm out a portion of our Company's interest in the Montanazo "C" and "D" permits for the costs of drilling and developing any finds there. For putting up the costs of drilling the one obligation hole on each permit, the farmee earns 25% of CNWL's 10% interest. If discovery is made, the farmee may earn another 25% by putting up development funds. In addition, the Spanish government oil company has the right to participate up to 40% in a discovery, in which event Canada Northwest Land Limited would have a 3% carried interest.

In 1978, a wildcat may be drilled on the Delta "D" permit to the southwest of Casablanca.









## UNITED KINGDOM

### North Sea:

During the summer of 1977, the 3/7 group drilled a third hole on the south boundary of Block 3/7 jointly with Shell/Esso. The hole encountered an oil filled Brent Sand at 11,600 feet but was abandoned as the sand was too thin to produce economically. At the time of writing, Shell/Esso are drilling a follow-up hole 1½ kilometers South of 3/7-3. Decisions on further drilling on 3/7 await the results of this test and further geological, engineering and geophysical studies.

### ITALY

The Company has initiated a program aimed at developing subsurface caverns for oil storage in the salt beds of southern Italy. Geological studies isolated areas of interest and these were followed up by geophysical surveys to outline salt deposits. Drilling could start during 1978.



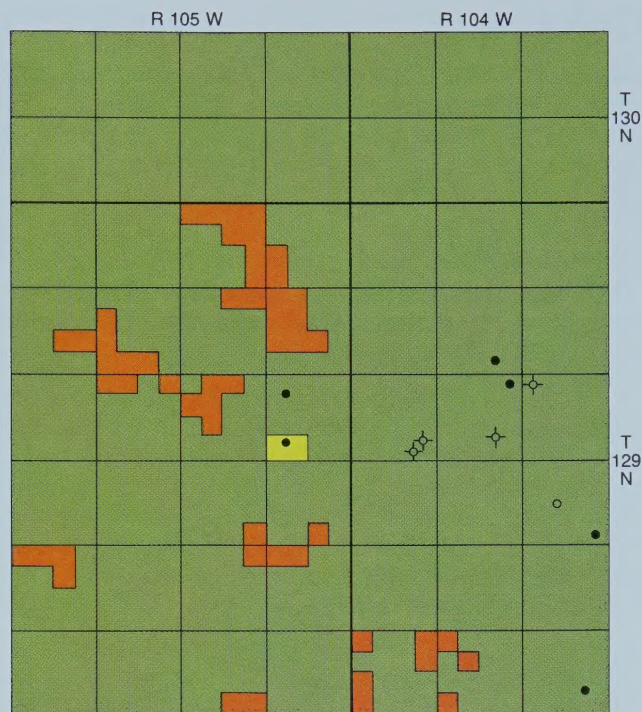
## UNITED STATES

### Oil and Gas:

Exploration activity was stepped up in the U.S. during the year with 11 wells being drilled, directly or by farmout, in Oklahoma, Montana and North Dakota. Two successful gas and oil wells were drilled by another company at South Wellston, Oklahoma, offsetting lands in which our Company has a 55% interest. At Horse Creek in North Dakota, another company drilled an oil well on farmed-out Company lands. After payout, our Company's interest will be 18.75%. Follow-ups could be drilled on both of these plays in 1978. Lands were acquired on seven prospects in Indiana, which will be drilled in 1978. At South Cuyama in California, our Company participated in a 6,000 foot wildcat which was dry and abandoned.

### Geothermal Project:

The United States government has granted leases to the group in which our Company is a 25% participant, on 48,255 acres of geothermal prospects in the Glass Buttes region of Oregon. A major U.S. geothermal explorer also has acquired leases on two sides of our block and may drill a hole during 1978. Applications for leases by our group on another 214,000 acres in other areas of geothermal potential, are still pending. Detailed geological mapping is proceeding on all prospects.



### HORSE CREEK WEST BOWMAN COUNTY NORTH DAKOTA

C.N.W.L. Interest

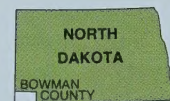
37.5%

1.685% G.O.R.R. Before Payout  
37.5% W.I. After Payout

● Oil Well

✕ Abandoned Well

○ Location



Depco Com Trust 14-13 well at Horse Creek West in North Dakota.



## CANADA

During 1977, the Company drilled, or participated in drilling, 61 holes (both wildcat and development) in Canada. Of these, 55 were successful gas wells, 2 were oil wells and 4 were dry holes, for an average success rate of 93%.

### Hilda, Alberta:

The Hilda gas unit in the Medicine Hat area of southeastern Alberta, was expanded by 38 development wells early in 1977.

Sales in 1977 from the field did not fully reflect this expansion as the field was shut-in for the last three months of the year due to the current gas oversupply situation. On November 1, 1977, however, production was resumed at the rate of approximately 13 MMcf. per day and it is hoped that this level can be maintained for most of next year. Our Company's interest is 43%.

### Westlock, Alberta:

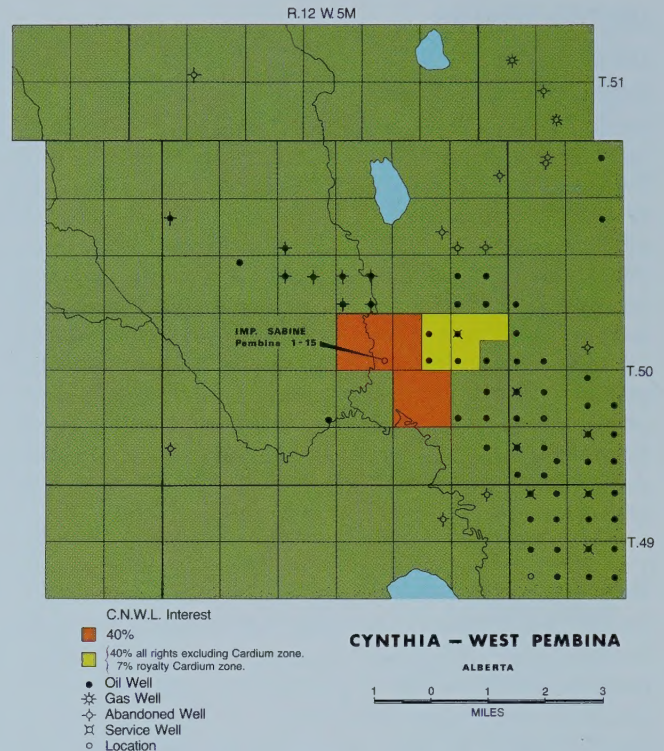
At Westlock, where our Company's interest averages 50%, five additional gas wells were drilled and a sour gas treatment facility was installed during the year. Production is expected to increase from an average 3 MMcf. per day to over 6 MMcf. per day.

### West Pembina:

Along with others, our Company holds interests in 3<sup>3</sup>/<sub>4</sub> sections in Twp. 50, Rge. 12, W5M, in west central Alberta, close to two recent upper Devonian discoveries. Seismic surveys of these lands gave indication of drillable anomalies but because of the high risk and cost of testing the objective at 11,000 feet, the group farmed out part of the block for a hole to be drilled close to year-end. The farmee has an option to drill additional holes to earn interests in the remainder of the block. Our Company's interest will be 25% after the farmout.

### Tweedie, Alberta:

A new gas plant at Tweedie, where our Company has a 35% interest, started up in December, 1976, at an average daily rate of 14 MMcf. and complimented existing facilities which have been producing for several years. Production is expected to reach 17 MMcf. per day later in the year.



Well and tank battery CNW et al Crossfield 14-12-25-1 W5 which is located 500 yards southwest of the new Calgary Air Terminal seen in the background.



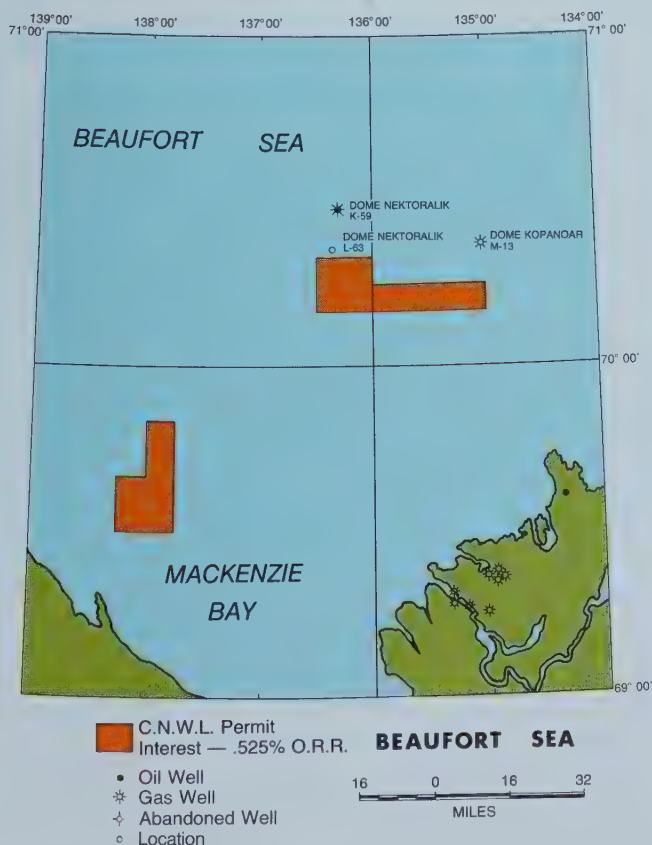


The new gas plant at Tweedie, Alberta producing 17 MMcf. per day. Company's interest is 35%.

### Other Areas in Canada:

During the year, the Olds, Alderson, Stanmore gas projects started up and first production was received from oil wells at Turin and Little Bow in southern Alberta.

Our Company holds a one-half of 1% royalty interest on a permit in the Beaufort Sea, adjoining that on which Dome drilled one of its three gas and oil discoveries during the summer of 1977. Dome's Nektoralik K-59 well lies 9 $\frac{1}{2}$  miles north of the permit and their Nektoralik L-63, 2 miles north of the permit, is to be drilled in 1978.



## RESERVES

Our Company's North American proven and probable reserves after royalties are estimated as follows:

Net Gas Reserves .....	45,600 MMcf.
Net Oil Reserves .....	866,000 barrels

In the two year period since the last reserves report, some Hilda gas reserves were sold and additions to oil reserves were made at Turin in Alberta, Weyburn, Midale in Saskatchewan, and to gas reserves at Tweedie, Turin and Alderson, all in Alberta.

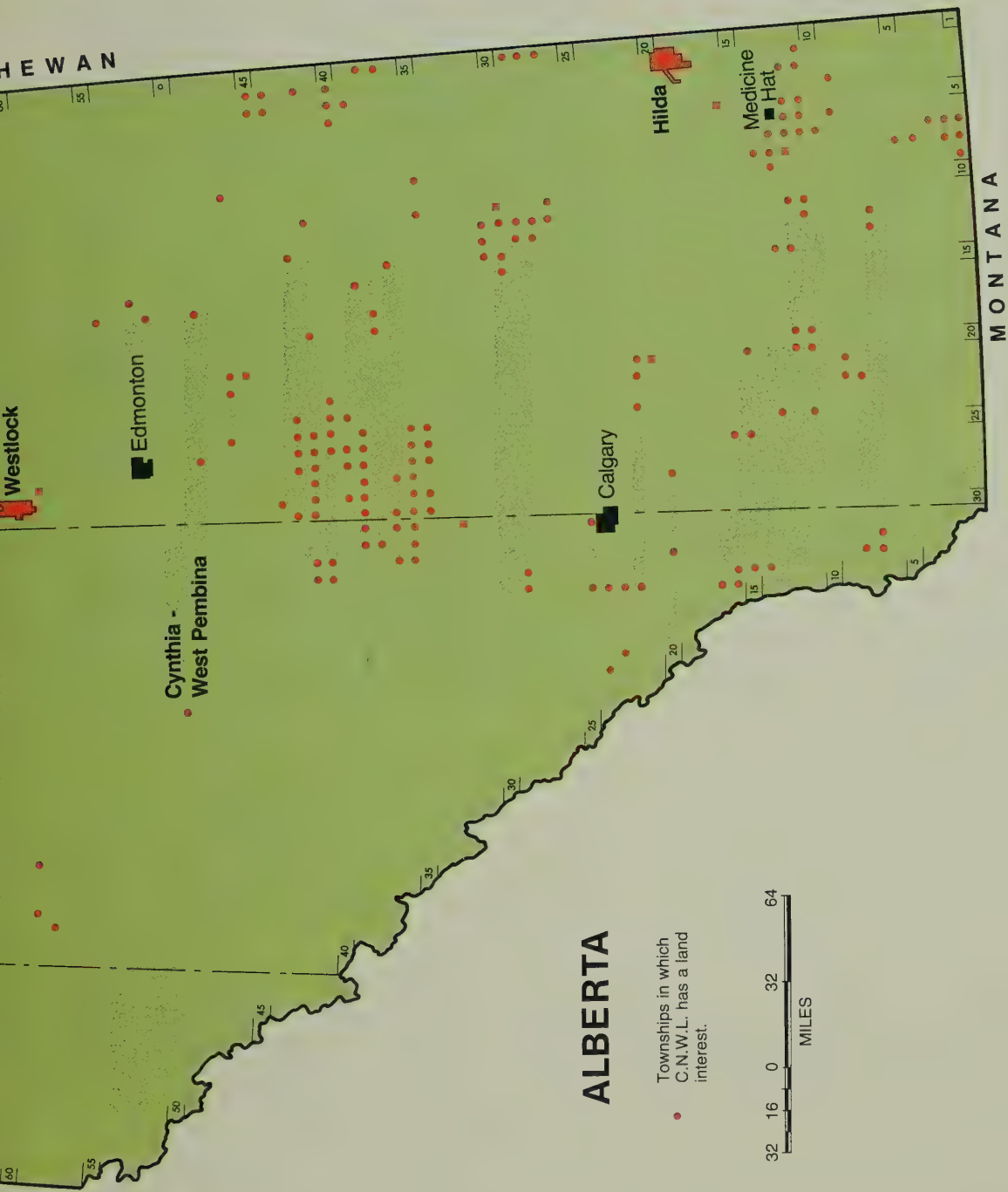
Reserves estimates have not been prepared for either the North Sea interests or the Casablanca pool off Spain. In the case of Block 3/7 in the North Sea, reliable estimates will have to await further delineation drilling of the three discoveries made so far on the block.

Casablanca, off the coast of Spain, presents a different problem. The fractured nature of the reservoir rock makes it almost impossible to recover cores of the rock itself on which estimates of recoverable reserves are usually based. An alternative method of establishing reservoir parameters is to produce the reservoir. This is being done now, but it will take time to develop a concept of the reservoir. In view of this, development is proceeding relatively slowly and cautiously.











## **INVESTMENTS**

### **Panarctic Oils Ltd.:**

Canada Northwest Land Limited, through a wholly owned subsidiary, owns a 3.63% interest in this Arctic Islands exploration consortium. During the past year, seven holes were drilled in the Melville Island gas areas and in the Bent Horn oil area on Cameron Island. All were dry or were of doubtful economic value.

It is felt that the prospect of markets for gas already discovered by Panarctic was improved by the withdrawal of the Mackenzie Valley Pipeline application and by the forthcoming application by Polar Gas Pipeline, expected late in the year. In addition, a group associated with Panarctic is actively investigating the feasibility of moving gas South by LNG tanker.

For the 1977-78 winter drilling season, Panarctic has 10 holes planned, of which three or four will be offshore, drilled on thickened ice platforms. These holes will be the first tests of the very large Arctic Islands farmouts taken last year from the Sun-Global Marine group. In addition, the first well to be completed as an undersea producer connected to on-shore production facilities by underwater pipelines will be drilled in the Drake Point gas field off Melville Island. A diverless subsea tree similar to that being constructed for our Company's Spanish production, will be used for production.

### **Rio Alto Exploration Ltd.:**

During 1977, Rio Alto, a 27% owned affiliate, was active in the exploration of a number of mineral prospects. Of major importance are the results of a \$200,000 drilling and exploration program on its Rusty Springs silver-lead-copper-zinc prospect in the Ogilvie Mountains area of the Yukon. Diamond drilling totalling 3,200 feet was carried out with significant sections of high grade silver, lead and copper mineralization being encountered. Surface exploration resulted in new discoveries up to 1½ miles from the original showings. Rio Alto has a 100% interest in the 180 claims covering these occurrences.

Diamond drilling was also carried out on Rio Alto's uranium interests in the Elliot Lake area of Ontario. Two holes were drilled, both of which encountered economic grades of uranium over mineable widths. Drilling will continue during the winter of 1977-78. Other uranium prospects in the Yukon and Northwest Territories have been farmed out for further exploration.

In Spain, a geochemical and geological exploration program on Rio Alto's 60 square mile concession is currently underway. Numerous lead and copper occurrences are being investigated. Canada Northwest Land Limited has an option to earn a 50% interest in this prospect.





*Diamond drilling on Rio Alto Exploration Ltd.'s mineral prospect at Rusty Springs in the Yukon.*

## FINANCIAL

The statements attached show audited figures for the 12 months ending September 30, 1977 compared with restated figures for the 12 months ending September 30, 1976. Year-ends prior to 1976 were December 31.

For the year ending September 30, 1977, gross revenues before deducting royalties and mineral taxes, grew by 145% to \$6,044,000. Gains were due primarily to the start-up of oil production in Spain in the last quarter, and new gas projects and expansions of existing projects at Westlock, Hilda, Tweedie and Olds. Gas production at Hilda and Tweedie was shut-in at various times during the final quarter, reflecting the inability of the pipeline purchaser to take gas. Production resumed in November in these pools. The average price for oil received during the year was \$9.32 compared with \$8.20 last year, and for gas, \$1.18 compared with 93¢.

It is expected that further substantial gains will be recorded in 1978 income as a full year of production is experienced in new and expanded projects and as prices continue to rise.

Royalties and other payments to governments increased 116% to \$1,424,000 while other cash costs rose 38% to \$1,909,000. The latter reflected both the effects of inflation, enlarged exploratory programs and higher production levels. Income from operations gained 249% to \$2,711,000 or 43¢ per share compared with \$778,000 or 12¢ a share in the previous year.

Non-cash charges (including deferred income taxes of \$480,000) increased 216% to \$1,264,000 due to greater expenditures in Spain and the U.S. not yet offset by a comparable gain in production. A net profit for the year of \$1,448,000 or 23¢ a share, up 284%, compared with \$377,000 or 7¢ a share last year.

Expenditures on exploration and development were \$10,713,000 compared with \$7,302,000 last year. Funds were provided from cash flow, increased bank loans and sales of assets. Working capital increased by \$1,890,000 in the year. Additional lines of credit with banks are being negotiated to cover 1978 capital needs.

## OTHER

At the forthcoming Annual and Special General meeting, shareholders will be asked to approve the Company's application for continuance under the Canada Business Corporations Act.



## **SUMMARY OF ACCOUNTING POLICIES**

### **Basis of consolidation**

The consolidated financial statements include the accounts of the Company and all its subsidiaries.

### **Oil and gas properties**

The Company follows the full cost method of accounting whereby all costs associated with the exploration for and development of oil and gas reserves are capitalized and charged against income as set out below. Such costs include land acquisition costs, geological and geophysical expenditures, carrying charges of non-producing property, costs of drilling both productive and non-productive wells, and overhead expenses related to exploration and development activities. The costs are accumulated in cost centres as follows:

- (i) North America
- (ii) Spain
- (iii) Other — generally on a country by country basis.

Depletion is provided each year on costs accumulated in the North America and Spain cost centres in the proportion that the year's production of oil and gas bears to proven reserves (the composite unit of production method).

Expenditures incurred in other areas are being deferred pending the results of exploration still in progress in each area. These costs will be depleted on the basis of reserves discovered or written off to income if exploration activities prove unsuccessful.

### **Production and other**

Oil and gas production equipment costs are depreciated on the composite unit of production basis. Other equipment is depreciated on the declining balance method at rates designed to amortize the cost of the assets over their estimated useful lives.

### **Translation of foreign currencies**

In translating foreign currency amounts, current assets and liabilities are translated at exchange rates prevailing at the balance sheet date, property and equipment and long-term debt at exchange rates in effect on the date of the transaction and revenue and expenses at average rates, except depletion and depreciation, which are translated at the rates of exchange which were in effect when the respective assets were acquired.

The resulting exchange loss, which is not material in amount, has been charged to income.

### **Income taxes**

The Company follows the tax allocation basis of accounting for income taxes.

### **Interest**

The Company follows the policy of capitalizing interest on borrowings which can be specifically identified with the purchase or construction of property and equipment including the development of oil and gas properties. When the facility commences operations the subsequent interest is charged to income.



## CONSOLIDATED STATEMENT OF INCOME

FOR THE YEAR ENDED SEPTEMBER 30, 1977  
(with comparative figures for the year ended September 30, 1976)

	<u>1977</u>	<u>1976</u>
<b>Revenue:</b>		
Oil and gas sales (after royalties and mineral income taxes of \$1,423,766; 1976 — \$660,334) .....	\$4,091,840	\$1,805,824
Royalty income .....	424,311	211,245
Interest and other income .....	104,107	145,432
	<u>4,620,258</u>	<u>2,162,501</u>
<b>Deduct:</b>		
Operating expense .....	1,112,873	365,555
General and administrative expense .....	611,228	507,406
Interest on long term debt (Note 1) .....	133,598	441,296
Mineral taxes .....	51,121	70,721
	<u>1,908,820</u>	<u>1,384,978</u>
Income from operations before the following .....	<u>2,711,438</u>	<u>777,523</u>
<b>Deduct:</b>		
Depletion .....	508,630	168,902
Depreciation .....	275,001	125,111
Amortization of debt discount and financing costs .....	—	16,789
	<u>783,631</u>	<u>310,802</u>
Income for the year before deferred income taxes .....	<u>1,927,807</u>	<u>466,721</u>
Deferred income taxes net of provincial government rebates of \$394,475 (1976 — \$125,245) .....	<u>480,305</u>	<u>89,343</u>
Net income for the year .....	<u>\$1,447,502</u>	<u>\$ 377,378</u>
Net income per share based on average shares outstanding .....	<u>23¢</u>	<u>7¢</u>

## CONSOLIDATED STATEMENT OF RETAINED EARNINGS

FOR THE YEAR ENDED SEPTEMBER 30, 1977  
(with comparative figures for the year ended September 30, 1976)

	<u>1977</u>	<u>1976</u>
Balance at beginning of year .....	\$ 298,843	\$107,363
Net income for the year .....	<u>1,447,502</u>	<u>377,378</u>
	<u>1,746,345</u>	<u>484,741</u>
<b>Deduct:</b>		
Commission and expenses on issue of common shares .....	—	185,898
Balance at end of year .....	<u>\$1,746,345</u>	<u>\$298,843</u>

See accompanying summary of accounting policies and notes to consolidated financial statements.



# Canada Northwest Land Limited

## CONSOLIDATED BALANCE SHEET

SEPTEMBER 30, 1977



(with comparative figures at September 30, 1976)

### ASSETS

	<u>1977</u>	<u>1976</u>
CURRENT:		
Cash .....	\$ 347,776	\$ 237,582
Accounts receivable — trade .....	1,489,221	471,756
— recoverable taxes .....	428,434	133,530
Prepaid expenses and supplies .....	5,687	58,775
	<u>2,271,118</u>	<u>901,643</u>
INVESTMENTS — at cost:		
Panarctic Oils Ltd. ....	15,583,976	15,583,976
Rio Alto Exploration Ltd. (market value		
— \$640,410; 1976 — \$193,725) .....	243,140	122,250
	<u>15,827,116</u>	<u>15,706,226</u>
PROPERTY AND EQUIPMENT:		
Oil and gas properties — at cost less accumulated		
depletion of \$1,726,559 (1976 — \$1,217,929) .....	14,501,624	9,273,312
Production and other equipment — at cost less		
accumulated depreciation of \$655,828		
(1976 — \$380,827) .....	8,128,125	4,628,503
	<u>22,629,749</u>	<u>13,901,815</u>
OTHER:		
Long term receivables and deposits (Note 2) .....	601,272	723,645
	<u>\$41,329,255</u>	<u>\$31,233,329</u>



## LIABILITIES AND SHAREHOLDERS' EQUITY

	1977	1976
CURRENT:		
Accounts payable and accrued charges .....	\$ 1,337,397	\$ 1,853,029
Long term debt due within one year (Note 1) .....	228,554	33,154
	<u>1,565,951</u>	<u>1,886,183</u>
LONG TERM DEBT (Note 1) .....	8,929,500	961,169
DEFERRED INCOME TAXES .....	<u>1,204,002</u>	<u>329,222</u>
SHAREHOLDERS' EQUITY:		
Capital (Note 2)		
Authorized:		
8,000,000 common shares of no par value		
Issued:		
6,253,583 common shares (1976 — 6,234,677) .....	27,883,457	27,757,912
Retained earnings .....	1,746,345	298,843
	<u>29,629,802</u>	<u>28,056,755</u>
On behalf of the Board:		
 Director		
 Director	<u>\$41,329,255</u>	<u>\$31,233,329</u>

See accompanying summary of accounting policies and notes to consolidated financial statements.



# Canada Northwest Land Limited

## CONSOLIDATED STATEMENT OF CHANGES IN FINANCIAL POSITION

FOR THE YEAR ENDED SEPTEMBER 30, 1977

(with comparative figures for the year ended September 30, 1976)

	<u>1977</u>	<u>1976</u>
<b>Sources of working capital:</b>		
Operations —		
Net income for the year .....	\$ 1,447,502	\$ 377,378
Add non-cash charges:		
Depreciation and depletion .....	783,631	294,013
Deferred income taxes .....	874,780	225,560
Amortization of debt discount and financing costs .....	—	16,789
	<u>3,105,913</u>	<u>913,740</u>
Sale of oil and gas properties and equipment .....	1,201,852	2,036,197
Bank loans .....	8,019,885	1,200,000
Issue of common shares .....	125,545	12,046,862
Decrease in long term receivables and deposits .....	122,373	—
	<u>12,575,568</u>	<u>16,196,799</u>
<b>Disposition of working capital:</b>		
Expenditures on oil and gas properties and equipment:		
Drilling and exploration .....	6,325,938	3,995,156
Acquisition costs and rentals .....	443,664	450,849
Production and other equipment .....	3,943,815	2,855,756
Repayments of long term debt .....	51,554	3,652,653
Conversion of debentures to common shares .....	—	5,000,000
Purchase of shares in Rio Alto Exploration Ltd. ....	120,890	—
Financing costs .....	—	109,394
Increase in long term receivables and deposits .....	—	93,384
	<u>10,885,861</u>	<u>16,157,192</u>
Increase in working capital .....	<u>\$ 1,689,707</u>	<u>\$ 39,607</u>

See accompanying summary of accounting policies and notes to consolidated financial statements.



# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

SEPTEMBER 30, 1977

## 1. Long term debt

	<u>1977</u>	<u>1976</u>
Bank loan with interest at 1¼% per annum in excess of the prime bank interest rate .....	<b>\$2,500,000</b>	\$500,000
Bank loan (U.S. \$6,388,027) with interest at 1¼% per annum in excess of the prevailing bank interest rate .....	<b>6,515,285</b>	300,000
9% Interest bearing notes due \$28,554 annually .....	<b>142,769</b>	194,323
	<b>9,158,054</b>	994,323
Less amounts due within one year .....	<b>228,554</b>	33,154
	<b><u>\$8,929,500</u></b>	<b><u>\$961,169</u></b>

Although the bank loans are evidenced by a demand note, the bank has indicated that they will accept repayment over a five year period commencing in May of 1978. The loans are secured by certain oil and gas properties.

If the U.S. dollar loan had been translated at the rate of exchange prevailing at September 30, 1977, the equivalent Canadian dollar amount payable would have been increased by \$341,623.

Interest of \$365,263 relating to the U.S. dollar loan incurred in respect of development in Spain has been capitalized.

## 2. Capital

Under the terms of the Company's Stock Purchase Plan, the Company has agreed to advance funds to a Trustee to be used by the Trustee for the purchase and immediate resale to employees of shares of the Company's capital stock at prices based on the average sale price of the shares as determined on the date of the transaction. In addition, the Company has agreed to contribute fifty percent of the cost of the shares purchased under the Plan.

During the year, 18,906 shares were issued under the terms of the Plan for \$123,422 of which the Company contributed \$61,717.

The Company has also advanced funds to employees to allow them to purchase shares pursuant to a previous rights offering.

At September 30, 1977, \$525,000 was receivable by the Company under the above arrangements and is included in long term receivables and deposits.

10,238 shares of the Company's common stock were reserved at September 30, 1977 as follows:

1,832 shares for options granted to an officer exercisable as to 1,400 shares at \$6.95 per share and as to 432 shares at \$6.63 per share and expiring on various dates to December 31, 1978;

8,406 shares for options granted to employees exercisable at rates at \$6.95 and \$6.63 per share and expiring on various dates to December 31, 1978.

## 3. Remuneration of directors and officers

During the year ended September 30, 1977, the aggregate remuneration of the ten directors in their capacity as directors was \$20,325 (1976 — \$3,125) and the remuneration of the five officers in their capacity as officers was \$171,100 (1976 — \$123,966). Four of the officers are also directors.

# Canada Northwest Land Limited

## FIVE YEAR FINANCIAL AND OPERATING SUMMARY

	Years Ending September 30		Years Ending December 31		
	<u>1977</u>	<u>1976</u>	<u>1975</u>	<u>1974</u>	<u>1973</u>
		9 Months			
Gross Revenue					
(before royalties) . . . . .	\$ 6,044,024	\$2,236,202	\$ 1,805,260	\$ 1,139,506	\$ 738,423
Cash Flow (including					
Provincial tax rebates) . . . .	\$ 3,105,913	\$ 790,975	\$ 317,316	\$ 50,191	\$ 220,644
Net Earnings or (Loss) . . . . .	\$ 1,447,502	\$ 338,739	\$ (217,031)	\$ (423,495)	\$ (32,749)
Shares Outstanding . . . . .	6,253,583	6,234,677	4,349,164	4,204,274	4,191,119
Gross Production:					
Oil (Bbls.) . . . . .	99,722	27,435	37,862	168,700	191,426
Gas (MMcf.) . . . . .	3,925	1,755	2,012	1,188	661
Development and					
Exploration Drilling:					
Gross wells . . . . .	74	58	40	58	58
Gas . . . . .	55	40	27	42	42
Oil . . . . .	5	5	3	4	5
Dry . . . . .	14	13	1	12	11
Success Percentage . . . . .	81	78	97	79	81
Expenditures on					
Exploration and					
Development . . . . .	\$10,713,417	\$6,392,257	\$ 2,638,314	\$ 3,587,038	\$ 2,862,415


### AUDITORS' REPORT

To the Shareholders of Canada Northwest Land Limited

We have examined the consolidated balance sheet of Canada Northwest Land Limited as at September 30, 1977 and the consolidated statements of income, retained earnings and changes in financial position for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these consolidated financial statements present fairly the financial position of the Company as at September 30, 1977 and the results of its operations and the changes in its financial position for the year then ended in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Calgary, Canada  
November 10, 1977

  
CLARKSON GORDON & CO.  
Chartered Accountants



*W.C.*

**Chris Indenture** made in witness  
day of July in the year of our Lord One thousand  
and hundred and not

**Between**

**The Canada North West Land  
Company Limited**  
(hereinafter called "the Land Company")

**and**

**The Canadian Pacific  
Railway Company**  
(hereinafter called "the Railway Company")

Of the first part.

**Whereas** by agreement bearing date the  
sixth day of June one thousand eight hundred and  
eighty two between the Railway Company of the first part  
and Edmund Joseph Walter Williams Esquire Esquire John  
Lindsay Esq and James A. Macdonald Esquire called "the  
Parties" of the second part it was intended that the  
Railway Company agreed to sell to the said Land Company who  
agreed to pay five million (\$5,000,000) acres of land situated  
and described to be acquired by the Railway Company under  
and by virtue of a certain warrant issued by the Government  
of the Dominion of Canada and the Railway Company for  
the construction of the Canadian Pacific Railway, which land  
it was thereby agreed should consist of land in a material  
degree suited for its destination as therein fully set forth.

**And Whereas** it was further thereby agreed that  
the Railway Company should sell and the Indenture should  
contain certain Town and Village plots along the Main line  
of the Railway Company and of railway interests all as  
herein fully set forth.

**And Whereas** the said Indenture by reference  
bearing date the fourth month day of July One thousand eight  
hundred and eighty two assigned and transferred to the Land  
Company all those plots and rights under the said last cited  
agreement.

**And Whereas** by agreement dated the twentieth day  
of December One thousand eight hundred and eighty three it  
was inter alia agreed between the parties hereto that the area  
of the said Town plots as agreed to be sold and purchased  
in accordance therewith in respect from Five million (\$5,000,000)  
less to Two million two hundred thousand (\$2,000,000) acres  
and that the said Indenture certain agreement should be  
made accordingly.

**And Whereas** during the currency of some of the  
said agreement and in or about the first month day of April  
One thousand eight hundred and eighty three by Indenture  
bearing date the first day of May One thousand eight hundred  
(1883) and of land part of the land subject to or else  
said agreement said land being situated in Manitoba  
subject to said Indenture.

**And Whereas** although the said last cited  
indenture was intended by the Railway Company it had  
never been taken upon or notice of the parties hereto but  
had in fact been treated as a nullity.

**And Whereas** a large portion of the land  
agreed to be purchased by the Land Company as aforesaid  
has been conveyed by the Railway Company to the Land

Company in its entirety and in so conveying at the parties  
hereto have at all times treated the said Indenture of  
14th April 1883 as null and void and have dealt with same  
subsequently conveyed under separate deeds and transfers  
as if said Indenture of 14th April 1883 had never been  
executed.

**And Whereas** the parties hereto have mutually  
agreed and agreed upon the lands to be granted constituting  
the Two million two hundred thousand acres agreed to be sold  
in accordance including that portion of the said Two million  
Two hundred thousand acres heretofore granted and agreed  
being without reference to the Town and Village plots and  
plots which are not intended to be affected by the Indenture  
and they are desirous of withdrawing the force and effect of the  
said Indenture and of releasing any claim which the Land  
Company might have against any of the lands of the  
Railway Company apart from Town and Village plots and  
plots as aforesaid under the agreement heretofore made  
in witness whereof the Indenture of 14th April 1883 heretofore referred  
to is hereby in so far as the said land are specified in the  
Schedule hereto.

**Now This Indenture Witnesseth** that  
in consideration of the premises the parties hereto agree and  
covenant with each other and their successors or assigns:

(1) **The said Indenture** of 14th April 1883 is and  
has at all times been the intention thereof been treated as  
null and void in the parties hereto and as of no effect and  
for the purpose of withdrawing any claim on the Railway  
Company's title to any of the lands mentioned in the said  
Indenture and of withdrawing and confirming the manner  
in which the said agreement has been treated the Land  
Company hereby grants to the Railway Company its  
successors and assigns any right title or interest  
which the Land Company may have acquired in or

of the lands described in the Schedule to the said  
Indenture in so far as any such right title or  
interest of any kind was acquired by the Land Company  
hereunder, it being the intention of the parties hereto  
and that grant is made subject to the condition that  
the Indenture shall not affect the title of the Land  
Company or its assigns to any of the lands described  
in the said Indenture and in the Schedule hereto  
except in so far as any of such lands have by deed  
or transfer been conveyed to the Indenture of 14th April  
1883 and conveyed by the Railway Company to the Land  
Company or its nominees.

(2) **That the lands** mentioned in the Schedule  
mentioned hereto some of which lands have heretofore  
been granted and the remainder of which are hereafter  
to be granted by the Railway Company to the Land  
Company or its nominees, are hereby released to be  
the Land Company apart from Town or Village plots or plots  
agreed to be sold by the Railway Company under  
the Indenture in part recited aforesaid and the  
Land Company hereby agrees to accept a Quit or  
transfer of the said lands in so far as they have  
not already been granted or transferred as aforesaid  
and for a fulfilment on the part of the Railway  
Company of its agreement to grant Two million two  
hundred thousand (\$2,000,000) acres of land as aforesaid.

(3) **The Railway Company** hereby  
agrees of the section of the lands made  
by the Land Company as set out in the  
said Schedule and hereby covenants to  
grant and convey the same except in so  
far as they have heretofore been granted  
or conveyed to the Land Company or its  
nominees on the terms and conditions and  
at the times set out in the said agreement  
and conveyances which made to be taken to

in accordance with the heretofore recited  
agreements.

**In Witness Whereof** the Canada North  
West Land Company has caused these presents to be  
signed by its Vice President by Secretary and attested  
by the Seal of the Company and the Canadian  
Pacific Railway Company has caused these presents  
to be signed by its Vice President by Secretary  
and attested by the Seal of the Company.

*Witness my hand and the Seal of the Company this  
15th day of July 1883*

*Wm. Mackenzie*  
Secretary, Canadian Pacific Railway Company

*Wm. Mackenzie*  
Secretary, Canadian Pacific Railway Company

A reproduction of the Indenture dated  
July 4th, 1905, conveying 2,200,000  
acres of land in western Canada from  
the Canadian Pacific Railway Company  
to The Canada Northwest Land  
Company Limited which completed the  
original land-sale agreement of 1883  
between the two companies.





# CANADA NORTHWEST LAND LIMITED

## Consolidated Statement of Changes in Financial Position

For Six Months Ended March 31, 1977  
(Unaudited)

### Sources of Working Capital:

#### Operations:

Net income	
for the period	\$ 617,472
Add non-cash charges:	
Depreciation and depletion	286,680
Deferred income taxes	420,568
	<u>1,324,720</u>

Sale of oil and gas properties and equipment	1,297,444
Bank loans	5,695,206
Issue of Common shares	60,829
Reduction of long term receivables	94,175
	<u>8,472,374</u>

### Disposition of Working Capital:

Expenditures on oil and gas properties and equipment:	
Drilling and exploration	3,626,593
Acquisition costs and rentals	271,580
Production and other equipment	2,677,231
Repayments of long term debt	33,154
Investments	142,500
	<u>6,751,058</u>

Increase in working capital \$1,721,316

Working capital at end of period \$ 736,777



CANADA NORTHWEST LAND LIMITED

920, Three Calgary Place,  
355 - 4th Avenue S.W., Calgary, Alberta T2P 0J1

FIRST CLASS

Globe & Mail,  
Report on Business,  
140 King St. W.,  
Toronto, Ontario.

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INTERIM REPORT

YLAND

CANADA NORTHWEST LAND LIMITED

SIX MONTHS ENDING  
MARCH 31, 1977



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ALBERTA - CALGARY  
LITHOGRAPHED IN CANADA



## TO OUR SHAREHOLDERS:

For the six months ending March 31, 1977, all sources of income were higher than for the same period of 1976. Gross revenue gained 99% to \$1,816,000 while cash costs fell 11% to \$631,000, resulting in a 493% gain in cash flow to \$1,185,000 or 19¢ a share. Non-cash charges and deferred income taxes totalled \$568,000, compared with \$149,000 last year and a first half net profit of \$617,000 or 10¢ a share was recorded. In the same period of 1976, earnings were \$51,000 or 1¢ a share.

New gas projects and expansions at Olds, Tweedie, Westlock and Hilda, all in Alberta, were the main contributors to income growth during the first half of the year. No revenue from production offshore Spain is included in income since it was only toward the end of the half that steps were taken to place the Spanish discovery well — Casablanca #1 — on production, using a converted semi-submersible drilling platform connected to a moored tanker with a floating hose. In September, 1975, the well, which had been drilled through the 500-foot oil zone and into the underlying water zone, was cased to total depth and suspended for re-entry. When the well was re-entered this spring, testing revealed that the underlying water zone had not been cemented off and it was found necessary to drill another well from the same location. This hole is expected to be ready for production during June.

Our estimates of Casablanca's production potential have not been altered by this mechanical "start-up" problem, and plans are continuing for full-scale production of the field as soon as possible. An order has been placed for the design and fabrication of a single well diverless subsea completion system. This "wet tree" will be delivered early in 1978 coincident with the delivery of the group's semi-submersible production platform, now under construction. Additional development wells will probably be drilled next year and the field could be on full-scale production by late 1978.

Plans have been made by the Chevron farmee group to drill the final earning well on the last of our original five permits. This test, Alcanar #1, will be drilled 23 miles south of the discovery during the second half of 1977. The first well on the Montanazo "D" permit, 2 1/2 miles northeast of the Casablanca #2 oil well and located on what may be a northeast extension of the field, is expected to be drilled following the Alcanar well. The first well on the Montanazo "C" permit, 6 1/2 miles northeast of Casablanca #2, and located on what may be a separate structure, will be drilled after Montanazo D-1. These two wells are in 1600 and 2200 feet of water, respectively. In view of the risks and costs involved in this deep water drilling, our Company farmed out half of its 10% interest in these two blocks in return for the farmee paying our share of the costs of each well and a commitment to supply all development funds in event of a discovery.

During the second quarter, another operator made an upper Devonian oil discovery on the west side of the Pembina oil field of west central Alberta. Our Company owns a 40% interest in 3 3/4 sections of lease, 3 1/2 miles north of the discovery. Subsequent to the discovery, two follow-up holes were drilled. One, 3 1/2 miles north of the discovery and 1 mile west of our block, was apparently a producer. The other, 3 miles northeast of the discovery and 1 mile south of our block, is dry. Our Company is planning an immediate seismic program over these leases to determine their potential. Drilling may follow later in the year.

The U.S. President has announced new programs to encourage the development of unconventional power sources in that country. These recommended proposals — if implemented — should benefit our Company which has a 26% interest in a consortium actively exploring 268,000 acres of geothermal leases in the States of Washington, Oregon, Idaho and California.

May 11, 1977

H. G. Gammell,  
President.

## CANADA NORTHWEST LAND LIMITED

### Consolidated Statement of Income

(Unaudited)

	SIX MONTHS ENDED	
	Mar. 31, 1977	Mar. 31, 1976
<b>Revenue:</b>		
Oil and Gas Sales (net of royalties — 1976 - \$268,614; 1977 - \$538,700)	\$1,594,941	\$753,438
Royalties and other operating revenue	200,939	120,429
Investments and Miscellaneous	19,849	38,536
	<u>\$1,815,729</u>	<u>\$912,403</u>
<b>Expenses:</b>		
Operating Costs	\$ 257,508	\$168,125
General and administrative costs (net of management fees)	278,449	253,234
Mineral Taxes	30,057	40,367
Interest	64,613	250,642
	<u>\$ 630,627</u>	<u>\$712,368</u>
<b>Cash Income from Operations:</b>	\$1,185,102	\$200,035
<b>Deduct:</b>		
Depletion and Depreciation	\$ 286,680	\$ 95,540
Amortization	—	9,471
financing costs	—	—
	<u>\$ 286,680</u>	<u>\$105,011</u>
<b>Profit before income taxes:</b>	\$ 898,422	\$ 95,024
Deferred income taxes (net of Provincial rebates)	\$ 280,948	\$ 44,058
<b>Net Profit for period</b>	<u>\$ 617,474</u>	<u>\$ 50,966</u>
Net earnings per share	10¢	01¢